Datasheet_WPC-0301

54Mbps Wireless PCMCIA Card

The **LevelOne's** WPC-0301 is a wireless adapter with the 32-bit PCMCIA Carbus interface and complies with IEEE802.11g standard to deliver the data rate up to 54Mbps transferd in the 2.4HHz frequency. The included setup wizard walks you through configuing the adapter to your wireless network settings easily. The strong network security can support WEP encription up to 128 bits. To integrate WPC-0301 wireless PCMCIA adapter in your computer, you can easily connect to internet wirelessly in the high data transmittion speed and establish a secure wireless network for the money-saving solution.

Key Features

- Compliant with IEEE 802.11g and 802.11b standards
- Highly efficient design mechanism to provide unbeatable performance
- Support Ad-Hoc, Infrastructure WLAN network wireless roaming
- Achieving data rate up to 54Mbps for 802.11g and 11Mps for 802.11b
- Network security with WEP support
- Auto-switch between the two standards, IEEE 802.11b and 802.11g.
- Data rate auto fall-back under noisy environment or longer range distance
- Driver/Utility support most commonly used operating systems including Windows 98SE/ME/ 2000/XP.

Technical Specification

- Standard Conformance:
  Wireless: IEEE 802.11b; IEEE 802.11g
  Ethernet: IEEE 802.3
  PC Card Standard V7.1
- Sensitivity for 802.11b:
  1Mbps 2Mbps
  5.5Mbps 11Mbps
- Sensitivity for 802.11g:
  6Mbps 9Mbps
  12Mbps 18Mbps
  24Mbps 36Mbps
  48Mbps 54Mbps
- Frequency Range:
  2.412GHz to 2.462GHz (N.A)
  2.412GHz to 2.472GHz (EU)
- LEDs:
  Power: slow rate blink
  WLAN: blank for acivity
- Modulation Technology:
  64QAM, 16QAM, BPSK, QPSK,CCK
- Interface:
  PC Cardbus 32bit Compliance
- OS Support:
  Windows 98SE/ ME/ 2000/ XP
- Security Support:
  WEP 64/128
- Transmitter Output Power:
  14dBm
- Power:
  3.3Volt ± 5%
- Power Consumption:
  802.11g: TX 550mA, RX 360mA, Standby 30mA
  802.11b: TX 560mA, RX 360mA, Standby 30mA
- Antenna Type:
  Built-in diversity patch antenna 2 dBi gain
- Temperature:
  Operating: 0 ~55 C degree
  Storing: -10 ~ 65 C degree
- Humidity:
  5% ~ 95% (non-condensing)
- Dimension:
  53.5mm(W)*118mm(L)*5mm(H)
- EMI and Safety:
  FCC Part 15 Class B

Ordering Information

WPC-0301: 54Mbps Wireless PCMCI Card